

CITY OF FRANKFORT

Sewer Department

Quarterly Newsletter

FRANKFORT UNDERGROUND

Have you ever wondered what the inside of your sewer lateral looks like? The Frankfort Sewer Department probably does courtesy of a portable camera recently purchased to support our new lateral program. In addition to having the Department's mainline sewer video camera, it was determined that a more portable camera was needed. This allows FSD employees to video-inspect laterals that cannot be accessed with the lateral runoff camera that is part of our mainline sewer camera or when it is more convenient to inspect the lateral from an existing cleanout.

Photo #1—Old lateral with separated joints. Lateral is in fair condition with no blockages to flow.



Photo #2—Lateral with roots. This lateral is approximately two thirds restricted due to roots.



For an example of what a lateral should look like to allow optimal flow see Photo #1. A lateral is generally in fair condition with no blockages to flow. While this is an old clay lateral, the lateral has nothing to slow the flow of wastewater from the home. Photo #2 shows what a lateral with root intrusion looks like. This lateral is partially stopped up due to the roots and will continue to get worse until flow is totally stopped. This lateral is a candidate for replacement.

The cameras allow the Department to search for the problem or blockage without having to do extensive excavations or cutting the streets. The Department now has the ability to look at both the sewer mains and public/private laterals with minimal disruption to traffic and individual homeowners. This technology is also a cost saver by cutting the investigation time necessary when excavations are required. The Department evaluated several different manufacturers and styles before deciding on the specific camera chosen. The camera is attached to the end of a cable, which is inserted into a cleanout or other access point. The camera allows FSD employees to pinpoint the location of a blockage and identify the material blockage.

Taking Care of Business (excerpts from customer letters):

- ⇒ "On April 7, the Sewer Department received a call from property owner concerning a sewer backup. The employees responded and rodded the sewer from manhole to manhole. The next morning, John Tandy, called to commend Stanley Green and Daniel Fey for their quick response and professionalism" to his problem.
- ⇒ "Property owner, George Harrod, called to say he was very pleased with our response to his problem on April 29, and how the employees (Jesse Brownlee and Dan Johnson) showed him what to do in the future. He said the employees were very knowledgeable and helpful".

Expanding our knowledge and expertise to serve our community better . . .

- April 8 & May 6 (Chip Gill, Jeff Perry, Dewey Willard, Bernard Woods, Bob Peterson, J.B. Satterwhite, Dan Johnson, Greg Miley, Daniel Fey, Gregg Hosley, Jesse Brownlee) "University of Kentucky's Transportation Center—Work Zone Traffic Control" in Ft. Mitchell and Lucas, KY.
- April 15 (Bernard Woods, Daniel Fey, Mark Pardi, Dan Johnson, Jesse Brownlee) KY Underground Protection Annual Meeting in Bowling Green, KY.
- May 12 (Greg Thurman, Eugene Moore, Glen Sanford, Jeff Hamblen, Willett Lee, Bob Oerther, Stanley Green, Darryl Ballinger, Brian Satterwhite) The Henry P. Thompson Co.—2004 Plant Maintenance Seminar in Louisville, KY.
- May 20 (Bob Oerther, John Tanner, Mansoor Bozorgzard) KY-TN Pollutant Source Identification Specialty Conference in Murfreesboro, TN.
- May 25-26 (Mansoor Bozorgzard, Willett Lee, Bob Oerther, Glen Sanford, John Tanner, Greg Thurman) Industrial Techniques of Wastewater Process Control in New Albany, IN.
- June 1-2 (Bob Peterson, Robert Barker, Danny Hammond) Evaluating a Low Pressure Sewer System in Crossville, TN.

Congratulations . . .

- *Robert Peterson* obtained his P.E. certification in May, 2004 through the Commonwealth of Kentucky.
- *Dewey Willard* was promoted from CSM I to Field Inspector (Lateral Program) in April, 2004.
- *Mark Pardi (Collection System)* and *J.B. Satterwhite (Lateral Program)* were promoted from CSM I to CSM II in April, 2004.
- *Greg Miley* and *Jeff Perry* were promoted from CSM Laborers to CSM I in May, 2004.

Welcome on Board . . .

- *Terry Hopper* joined our department as a CSM I in June, 2004. He is a licensed plumber.
- *Thomas Gaines* and *David Stivers* joined our department as CSM Laborers in June, 2004.

Focus on Jesse Brownlee Collection System Maintenance I



Jesse began his employment with the City in October, 1996 as a maintenance worker. In July 1997, he was promoted to Equipment Operator I.

As a part of his job requirements, he must maintain a CDL and be able to read and interpret blueprints. Jesse performs duties related to the operation, maintenance, locating and installation of sanitary sewer lines. He operates motorized equipment including the backhoe, crane truck, vacuum excavator and the rod machine. He interacts with homeowners as necessary to explain work activities on their property.

Jesse is a Frankfort native and has two sons. He enjoys cooking, fishing and playing basketball with his friends.

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ADDRESS CORRECTION REQUESTED